



Section H

200 Area Remediation

PROJECT MANAGERS

P.M. Knollmeyer, RL
(509) 376-7435

N.C. Boyter, FH
(509) 373-3725

INTRODUCTION

The 200 Area Remediation consists of Central Plateau Facility (CPF) Transition, CPF Project Management and Support, the Equipment Disposition Project, and Central Plateau Waste Site S&M, Project Baseline Summary (PBS) RL-CP01, Work Breakdown Structure (WBS) 3.3.1.5, 3.3.1.6, 3.3.1.8, 3.3.1.9, and 3.3.1.13.

NOTE: Unless otherwise noted, the Safety, Conduct of Operations, Milestone Achievement, and Cost/Schedule data contained herein is as of December 31, 2001. All other information is as of January 23, 2002.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that no milestones are due and one milestone is forecast late.

NOTABLE ACCOMPLISHMENTS

200 Area Shutdown Facilities — Phase I field characterization activities were completed at 224-T. Completed the fair cost estimate for roof replacement and received vendor information for the alternative roofing system for PUREX and B Plant. The notice of construction (NOC) for PUREX and B Plant Roof Replacement was transmitted to the Department of Health (DOH) for review and approval.

Equipment Disposition Project — Waste profiles for the three flat cars were approved and the tentative shipment date for the low-level burial grounds is February 20 – 22, 2002. A draft for the agreement to transfer the 25-ton mobile crane to Waste Control Specialists in Texas is complete.

BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

Breakthroughs

Nothing to report.

Opportunities for Improvement

Conduct of Operations Improvement Initiative — RC has initiated a Conduct of Operations Improvement Plan to improve organizational performance, and to create a culture change regarding effective implementation of Conduct of Operations principles. RC has essentially completed the activities identified in the Conduct of Operations Improvement Plan. Each facility and participating organization has spent time reviewing its Conduct of Operations Matrix, identifying areas of improvement and communicating results to the staff. Project directors provide a summary review of progress to the RC Vice President at the two-, four-, and six-month milestones. The two and four month reviews demonstrated that RC facilities are actively participating at all levels, including at the worker level. Different projects have different levels of completion, however all are essentially on track for scheduled completion. The six-month status meeting is planned for February 7, 2002.

UPCOMING ACTIVITIES

Equipment Disposition Project — Ship the second and third of four tall well cars to Memphis, TN during the second quarter of 2002 (slipped from first quarter due to hold on funding). Additionally, transfer three flat cars to the Central Waste Complex for disposition.

Milestone Achievement FH Contract Milestones

MSN	Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
TRP-38-803	Complete Installation of New Roofs on PUREX & B Plant	PI	9/30/02		11/30/02	Activities resumed, alternative roof system to be utilized. The PI completion date will need to be revised and aligned with alternative strategy.

PERFORMANCE OBJECTIVES

Outcomes: Transition Central Plateau to support long-term waste management

Performance Indicator	Status
FHI-M3 – 200 Area Facility Disposition	
Measure 1: Disposition Surplus Buildings and Rolling Stock	
Expectation 1:	
Base: Decontaminate & Decommission (D&D) 233-S & 233-SA Facilities by September 30, 2004.	Work will be initiated July 1, 2002.
Stretch: D&D 233-S & 233-SA by June 30, 2004.	Work will be initiated July 1, 2002.
Expectation 2: Complete installation of new roofs on PUREX & B Plant by September 30, 2002.	A contract for sampling the roof material and radiological surveys has been issued to BHI. The NOC has been drafted and circulated for review within FH. RL briefed and concurred with alternative roofing system proposal. A revision to the completion date from 9/30/02 to 11/30/02, to align to the new strategy will be processed in a BCR.
Expectation 3:	
Base: Disposition contaminated railcars by June 30, 2006.	Waste profiles and portfolios are being prepared on the three flat cars in preparation for shipment to the low level burial grounds. The planned shipments of the second and third of four tall well cars from Hanford to Memphis, TN were delayed during funding impact deliberations.
Stretch: Disposition contaminated railcars by August 31, 2005.	Nothing to report.

Super stretch: Disposition contaminated railcars and heavy equipment by September 30, 2003.

Four of five pieces of regulated heavy equipment have been surveyed and released for beneficial reuse. Preparation to transfer a fifth piece of heavy equipment (crane) to an offsite, NRC licensed company for reuse is underway, as well as development of a waste disposal path forward for Ion exchange columns. The SNF drag off box and shipment of the condenser to an off-site vendor for disposition was delayed during funding impact deliberations.

FY 2002 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES FY TO DATE STATUS – (\$000)

		FISCAL YEAR TO DATE								
Sub-Project		BCWS	BCWP	ACWP	SV	%	CV	%	BAC	EAC
PBS CP01 WBS 3.3.1.5	Central Plateau Facility S&M	542	290	516	(252)	-46%	(226)	-78%	6,378	6,378
PBS CP01 WBS 3.3.1.6	Central Plateau Facility Transition	0	0	1	0	0%	(1)	0%	0	0
PBS CP01 WBS 3.3.1.7	Central Plateau Facility D&D	0	0	0	0	0%	0	0%	1,585	1,585
PBS CP01 WBS 3.3.1.8	Central Plateau Project Management	542	544	288	2	0%	256	47%	2,469	2,469
PBS CP01 WBS 3.3.1.9	Equipment Disposition Project	414	664	7	250	60%	657	99%	5,199	5,199
Total River Corridor Project		1,498	1,498	812	0	0%	687	46%	15,630	15,630

FY TO DATE SCHEDULE / COST PERFORMANCE

The favorable schedule variance is within established threshold. The favorable cost variance of \$0.7M (46 percent) was primarily due to EDP work completed at a substantial savings.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, Fiscal Year to Date (FYTD) Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

Schedule Variance Analysis: (+ \$0.0M)

Central Plateau Facility S&M — 3.3.1.5/CP01

Description and Cause: The unfavorable schedule variance was primarily due to a request from the Washington State Department of Health for a Notice of Construction delaying Phase I of the 224-T characterization work scope.

Impact: No Impact.

Corrective Action: No corrective action required, Phase I characterization activities were completed in December, and Phase II activity planning is ongoing.

Equipment Disposition Project — 3.3.1.9/CP01

Description and Cause: The favorable schedule variance was due to heavy equipment, flatcar and cask car work scope being ahead of schedule.

Impact: No Impact.

Corrective Action: No corrective action required.

All other schedule variances are within established thresholds.

Cost Variance Analysis: (+\$0.7M)

Central Plateau Facility S&M — 3.3.1.5/CP01

Description and Cause: The unfavorable cost variance was primarily due to costs related to the NOC-required additional conditions and limitations, which has cascaded into additional fieldwork being performed.

Impact: No Impact.

Corrective Action: No corrective action required.

Central Plateau Facility Project Mgt — 3.3.1.8/CP01

Description and Cause: The favorable cost variance was primarily due to labor underruns as a result of staff performing other priority work.

Impact: No Impact.

Corrective Action: No corrective action required.

Equipment Disposition Project — 3.3.1.9/CP01

Description and Cause: The favorable cost variance was primarily due to heavy equipment, flatcar and cask car work scope completed at a substantial savings.

Impact: No Impact.

Corrective Action: No corrective action required.

All other cost variances are within established thresholds.

FUNDS MANAGEMENT FYTD FUNDS VS SPENDING FORECAST (\$000)

	Expected Funds	FYSF	FH Reallocation	Funds Variance (Expected vs. Reallocation)
River Corridor				
RC02, RC05, RC06, CP01				
Project Completion - Operating	\$ 38,940	\$ 39,211	\$ 38,865	\$ 75
Post 2006 - Operating	\$ 15,886	\$ 17,925	\$ 17,910	\$ (2,024)
Total	\$ 54,826	\$ 57,135	\$ 56,775	\$ (1,949)

[Status through December 2001]

NOTE: FH reallocation reflects an FYSF adjusted for scope deletions, deferrals, and identified savings to address funding shortfalls, additional unplanned scope, and cost increases.

ISSUES

Technical, Regulatory, External, and DOE Issues and DOE Requests

Issue: None at this time.

Impacts: None at this time.

Corrective Action: None at this time.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

BCR No. Level 4 WBS	Date Originated	Description	Impact		Date Approved	Status
			Days	Dollars (\$000s)		
CP01-02-001 3.3.1.5	5/24/01	Transfer of PNNL Facilities to Fluor Hanford		\$0	1/15/02	Complete
CP01-02-002 3.3.1.5, 3.3.1.6	11/19/01	PBS RL-CP01 Life Cycle Reductions & Assumptions		\$0		Reviewed with RL 1/10/02. Awaiting consolidation with other FH sub-project BCRs.
CP01-02-003 3.3.1.8	11/26/01	Site Spec Text Changes 11/2001		\$0	1/15/02	Complete